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Merchant & Gould

An Intellectual Property Law Firm

3200 IDS Center 80 South Eighth Street Minneapolis, Minnesota 55402-2215 USA TEL 612,332,5300 FAX 612.332.9081 www.merchant-gould.com

RECEIVED CENTRAL FAX CENTER

NOV 3 0 2004

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November 3, 2004

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From:

Douglas P. Mueller

Company:

USPTO

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10873.403USRE

Your Ref:

10/066035

Fax No.:

612.332.9081

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Phone No.: 612.371.5237

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Attorney Docket No. 10873.403USRE

MERCHANT & GOULD P.C.

United States Patent Application

SUBSTITUTE COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: IMAGE HEATING The specification of which a. is attached hereto b. X was filed on February 1, 2002 as application serial no. 10/066,035 and was amended on application) described and claimed in international no. (if applicable) (in the case of a PCT-filed filed and as amended on solicit a United States patent. (if any), which I have reviewed and for which I I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by I hereby claim foreign priority benefits under Title 35, United States Code, § 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed: a. \(\sum_\) no such applications have been filed. b. a such applications have been filed as follows: FOREIGN APPLICATION(S), IF ANY, CLAIMING PRIORITY UNDER 35 USC § 119 COUNTRY APPLICATION NUMBER DATE OF PILING DATE OF ISSUE (day, month, year) (day, month, year) Japan 10-132984 15 May 1998 Japan 10-203005 17 July 1998 ALL FOREIGN APPLICATION(S), IF ANY, FILED BEFORE THE PRIORITY APPLICATION(S) COUNTRY APPLICATION NUMBER DATE OF FILING DATE OF ISSUE (day, month, year) (day, month, year) I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national U.S. APPLICATION NUMBER DATE OF FILING (day, month, year) STATUS (patented, pending, abandoned) I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below: U.S. PROVISIONAL APPLICATION NUMBER DATE OF FILING (Day, Month, Year)

I acknowledge the duty to disclose information that is material to the patentability of this application in accordance with Title 37, Code of

§ 1.56 Duty to disclose information material to patentability.

- A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information that is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages
 - prior art cited in search reports of a foreign patent office in a counterpart application, and (1)
- the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; (1)
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - Opposing an argument of unpatentability relied on by the Office, or (i)
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of

- Individuals associated with the filing or prosecution of a patent application within the meaning of this section are: (c)
 - (1) Each inventor named in the application:
 - Each attorney or agent who prepares or prosecutes the application; and (2)
- Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the (d) attorney, agent, or inventor.
- In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

Identification of Error:

OF

I believe that the original patent, upon which the present reissue is based, may be partially inoperative for failing to claim all that the inventors were entitled to claim. The granted claims may not adequately reflect the aspect of the invention disclosed at column 21, line 50 to column 22, line 25, and column 23, lines 5-45, as now reflected in new claim 35 which reads: An image heating device comprising: a

heat-generating member comprising a magnetic layer; a magnetization member for magnetizing said heat-generating member with an alternating magnetic field, which is arranged in opposition to said heat-generating member, a nip portion for heating a recording material that carries a toner image with heat from said heat-generating member, while the recording material is being conveyed along said mip portion; and a movable film that is separated from the heat generating member, the nip portion being formed between a pressure roller and the movable film; wherein the heat-generating member contacts a contact part of the movable film and is arranged so as to be opposed to the magnetization member at a different position from that of the nip portion, and transmits generated heat to the movable film at the contact part. I confirm that all errors being corrected in the reissue application were made without any deceptive intent.

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Ali M. Leoc			
Ali, M. Jeffer	Reg. No. 46,359	Larcon former A	
Altera, Allan G.	Reg. No. 40,274	Larson, James A.	Reg. No. 40,443
Anderson, Gregg 1.	Reg. No. 28,828	Leonard, Christopher J.	Reg. No. 41,940
Batzli, Brian H.	Reg. No. 32,960	Liepa, Mara E.	Reg. No. 40,066
Beard, John L.	Reg. No. 27,612	Lindquist, Timothy A.	Reg. No. 40,701
Berns, John M.	Reg. No. 43,496	Lown, Jean A.	Reg. No. 48,428
Branch, John W.	Reg. No. 41,633	McDonald, Daniel W.	Reg. No. 32,044
Brown, Jeffrey C.	Reg. No. 41,643	McIntyre, Jr., William F.	Reg. No. 44,921
Bruess, Steven C.	Reg. No. 34,130	Mueller, Douglas P.	Reg. No. 30,300
Burnham, Jonelle	Reg. No. 41,980	Nelson, Anna M.	Reg. No. 48,935
Byrne, Linda M.	Reg. No. 32,404	Parsons, Nancy J.	Reg. No. 40,364
Campbell, Keith	Reg. No. 46,597	Pauly, Daniel M.	Reg. No. 40,123
Carlson, Alan G.	Reg. No. 25,959	Peterson, Kyle T.	Reg. No. 46,989
Caspers, Philip P.	Reg. No. 33,227	Phillips, John B.	Reg. No. 37,206
Clifford, John A.	Reg. No. 30,247	Pino, Mark J.	Reg. No. 43,858
Cook, Jeffrey	Reg. No. 48,649	Pytel, Melissa J.	Reg. No. 41,512
Daignault, Ronald A.	Reg. No. 25,968	Qualey, Terry	Reg. No. 25,148
Daley, Dennis R.	Reg. No. 34,994	Randall, Joshua N.	Reg. No. 50,719
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DeVries Smith, Katherine M.	Reg. No. 42,157	Reiland, Earl D.	Reg. No. 25,767
DiPietro, Mark J.	Reg. No. 28,707	Schmaltz, David G.	Reg. No. 39,828
Doscotch, Matthew A.	Reg. No. 48,957	Schuman, Mark D.	Reg. No. 31,197
Edell, Robert T.	Reg. No. 20,187	Schumann, Michael D.	Reg. No. 30,422
Epp Ryan, Sandra	Reg. No. 39,667	Scull, Timothy B.	Reg. No. 42,137
Fitzsimmons, Karen A.	Reg. No. 50,470	Sebald, Gregory A.	Reg. No. 33,280
Gadiano, Christina M.	Reg. No. 37,628	Skoog, Mark T.	Reg. No. 40,178
Goff, Jared S.	Reg. No. 44,716	Spellman, Steven J.	Reg. No. 45,124
Goggin, Matthew J.	Reg. No. 44,125	Stewart, Alan R.	Reg. No. 47,974
Golla, Charles E.	Reg. No. 26,896	Stoll-DeBell, Kirstin L.	Reg. No. 43,164
Gorman, Alan G.	Reg. No. 38,472	Sullivan, Timothy	Reg. No. 47,981
Gould, John D.	Reg. No. 18,223	Sumner, John P.	Reg. No. 29,114
Gregson, Richard	Reg. No. 41,804	Swenson, Erik G.	Reg. No. 45,147
Gresens, John J.	Reg. No. 33,112	Tellekson, David K.	Reg. No. 32,314
Hamer, Samuel A.	Reg. No. 46,754	Trembath, Jon R.	Reg. No. 38,344
Hamre, Curtis B.	Reg. No. 29,165	Tunheim, Marcia A.	Reg. No. 42,189
Hennings, Mark	Reg. No. 48,982	Underhill, Albert L.	Reg. No. 27,403
Hertzberg, Brett A.	Reg. No. 42,660	Vandenburgh, J. Derek	Reg. No. 32,179
Hillson, Randall A.	Reg. No. 31,838	Vidovich, Kristin K.	Reg. No. 41,448
Holzer, Jr., Richard J.	Reg. No. 42,668	Wahl, John R.	Reg. No. 33,044
Hope, Leonard J.	Reg. No. 44,774	Weaver, Paul L.	Reg. No. 48,640
Hornsby, III, Alton	Reg. No. 47,299	Welter, Paul A.	Reg. No. 20,890
Jardine, John S.	Reg. No. 48,835	Whipps, Brian	Reg. No. 43,261
Johns, Nicholas P.	Reg. No. 48,995	Whitaker, John E.	Reg. No. 42,222
Johnston, Scott W.	Reg. No. 39,721	Wier, David D.	Reg. No. 48,229
Kadievitch, Natalie D.	Reg. No. 34,196	Williams, Douglas J.	Reg. No. 27,054
Kalinsky, Robert A.		Withers, James D.	Reg. No. 40,376
Kettelberger, Denise	Reg. No. 50,471	Wong, Bryan A.	Reg. No. 50,836
Keys, Jeramie J.	Reg. No. 33,924	Wong, Thomas S.	Reg. No. 48,577
Knearl, Homer L.	Reg. No. 42,724	Young, Thomas	Reg. No. 25,796
Kowaichyk, Alan W.	Reg. No. 21,197	Zeuli, Anthony R.	Reg. No. 45,255
Kowalchyk, Katherine M.	Reg. No. 31,535		3
Lamberty, Michael	Reg. No. 36,848		
	Reg. No. 50,760		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Merchant & Gould P.C. to the contrary.

I understand that the execution of this document, and the grant of a power of attorney, does not in itself establish an attorney-client relationship between the undersigned and the law firm Merchant & Gould P.C., or any of its attorneys.

Please direct all correspondence in this case to Merchant & Gould P.C. at the address indicated below:

Merchant & Gould P.C. P.O. Box 2903 Minneapolis, MN 55402-0903

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any parent issued thereon.

_				
2	Full Name Of Inventor	Family Name Terada	First Given Name Hiroshi	Second Given Name
0	Residence	City	State or Foreign Country	Company
1	& Citizenship Mailing	Ikoma Address	Nara	Country of Citizenship Japan
<u> </u>	Address	8-25, Mayumi 4-chome	City	State & Zip Code/Country
518	nature of Inventor	Hiroshi 9	Perada	Nara 630-0122 / Japan Date:
2	Full Name Of Inventor	Family Name Toyoda	First Given Name Akinori	Second Given Name
0	Residence & Citizenship	City Katano	State or Foreign Country Osaka	Country of Citizenship
2 Since	Mailing Address nature of Inventor	Address 10-419, Ikuno 1-chome	City Katano	State & Zip Code/Country Osaaka 576-0054 / Japan
- July	T	Acinori Toya	odq I	Date: Oct, 28, 2009
2	Full Name Of Inventor	Family Name Urata	First Given Name Yoshihito	Second Given Name
0 3	Residence & Citizenship	City Katano	State or Foreign Country Osaka	Country of Citizenship Japan
	Mailing Address store of Inventor 20	Address 1-38-20, Kisabe	City Katano	State & Zip Code/Country Osaka 576-0052 / Japan
	- The state of the		D	afe:
2	Full Name Of Inventor	Family Name Yamamoto	First Given Name Hajime	Second Given Name
,	Residence & Citizenship	City Ikoma	State or Foreign Country Nara	Country of Citizenship Japan
\bot	Muiling Address ture of Inventor 20	Address 4-18-1, Kitayamato	City Ikoma	State & Zip Code/Country Nam 630-0121 / Japan
· · · ·		Hayan Ganameto	Date	

2	Full Name Of Inventor	Family Name Genji	First Given Name Nobuo	Second Given Name
0	Residence & Cittzenship	City Osakasayama	State or Foreign Country	Commence of the control of the contr
5	Mailing Address	Address	Nara City	Country of Citizenship Japan
Sig	nature of Invento	3-361-1-324, Handa r 205:	Osakasayama	State & Zip Code/Country Osaka 589-0011 / Japan
_	Fail Name	Family Name		Date:
2	Ofinventor	Ishimani	First Given Name Nacaki	Second Given Name
)	Residence & Citizenship	City Minoo	State or Foreign Country Osaka	Country of Citizenship
_	Mailing Address	Address 5-15-A401, Niina	City Minoo	State & Zip Code/Country
gr	ature of Inventor	206:		Osaka 562-0005 / Japan
	Full Name Of Inventor	Family Name Nakatsugawa	First Given Name Tatsuo	Second Given Name
	Residence & Citizenship	City Utsunomiya	State or Foreign Country Tochigi	Country of Citizenship Japan
	Mailing Address	Address 29-57, Tsurutamachi	City Utsunomiya	State & Zip Code/Country
us	ture of Inventor 2	07:	_ 	Tochigi 320-0851 / Japan
	Full Name Of Inventor	Family Name Naito	First Given Name Masakazu	Second Given Name
	Residence & Citizenship	City Shioya	State or Foreign Country Tochigi	Country of Citizenship
	Mailing Address ure of Inventor 20	Address 2-8-18, Housekidai, Takanezawa-cho	City Shioya	State & Zip Code/Country Tochigi 329-1231 / Japan

b. 🖾 was filed on February 1, 2002 as application serial no. 10/066,035 and was amended on

application) described and claimed in international no. filed

The specification of which a. is attached hereto

solicit a United States patent.

(if applicable) (in the case of a PCT-filed

(if any), which I have reviewed and for which I

Attorney Docket No. 10873.403USRE

MERCHANT & GOULD P.C.

United States Patent Application

SUBSTITUTE COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: IMAGE HEATING DEVICE AND IMAGE FORMING DEVICE USING THE SAME

and as amended on

that of the application o	on the basis of which p	riority is claimed:	tates Code, § 119/365 (gn application for pater	of any foreign nt or inventor's	application(s) for patent or invent s certificate having a filing date be
	· · · · · · · · · · · · · · · · · · ·				
COUNTRY	APPLICA	CATTON(S), IF ANY,	CLAIMING PRIORITY	UNDER 35 USC	§ 119·
	APPLICA	TION NUMBER	DATE OF FILING		DATE OF ISSUE
Јарац	10-13298	<u> </u>	(day, month, year)		(day, month, year)
Јарап	10-20300		15 May 1998	· · · · · · · · · · · · · · · · · · ·	
			17 July 1998		
COUNTRY	ALL FOREIGN APPLIC	ATION(S), IF ANY, I	FILED BEFORE THE PRI	ORITY APPLIC	CATION(S)
COUNTRY	APPLICAT	TON NUMBER	DATE OF FILING		DATE OF ISSUE
	 -		(day, month, year)		
nereby claim the henefi	it under Title 25. Use		(day, month, year)		(day, month, year)
anner provided by the fined in Title 37, Code PCT international filin	first paragraph of Title of Federal Regulation of date of this application	od States Code, § 1: 1 of the claims of the 35, United States 1, § 1.56(a) which on.	(day, month, year) 20/365 of any United Shis application is not di Code, § 112, I acknowled to the force of the second occurred between the s	sciosed in the ledge the duty filing date of t	(day, month, year) international application(s) listed prior United States application in to disclose material information a he prior application and the nation
anner provided by the fined in Title 37, Code	first paragraph of Title of Federal Regulation of date of this application	d States Code, § 1. of the claims of the 35, United States (s. & 1.56(a) which	(day, month, year) 20/365 of any United Shis application is not di Code, § 112, I acknowled to the force of the second occurred between the s	sciosed in the ledge the duty filing date of t	international application(s) listed prior United States application in
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I acknowledge the duty to disclose information that is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56 (reprinted below):

§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information that is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of the patentability of known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages
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- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
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 - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
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Identification of Error:

I believe that the original patent, upon which the present reissue is based, may be partially inoperative for failing to claim all that the inventors were entitled to claim. The granted claims may not adequately reflect the aspect of the invention disclosed at column 21, line 50 to column 22, line 25, and column 23, lines 5-45, as now reflected in new claim 35 which reads: An image heating device comprising: a

heat-generating member comprising a magnetic layer; a magnetization member for magnetizing said heat-generating member with an alternating magnetic field, which is arranged in opposition to said heat-generating member; a nip portion for heating a recording material that carries a toner image with heat from said heat-generating member, while the recording material is being conveyed along said nip portion; and a movable film that is separated from the heat generating member, the nip portion being formed between a pressure roller and the movable film; wherein the heat-generating member contacts a contact part of the movable film and is arranged so as to be opposed to the magnetization member at a different position from that of the nip portion, and transmits generated heat to the movable film at the contact part. I confirm that all errors being corrected in the reissue application were made without any deceptive intent.

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

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Epp Ryan, Sandra	Reg. No. 39,667	Sebald, Gregory A.	Reg. No. 42,137
Fitzsimmons, Karen A.	Reg. No. 50,470	Skoog, Mark T.	Reg. No. 33,280
Gadiano, Christina M.	Reg. No. 37,628	Spellman, Steven J.	Reg. No. 40,178
Goff, Jared S.	Reg. No. 44,716	Stewart, Alan R.	Reg. No. 45,124
Goggin, Matthew J.	Rcg. No. 44,125	Stoll-DeBell, Kirstin L.	Reg. No. 47,974
Golla, Charles E.	Reg. No. 26,896	Sullivan, Timothy	Reg. No. 43,164
Gorman, Alan G.	Reg. No. 38,472	Sumner, John P.	Reg. No. 47,981
Gould, John D.	Reg. No. 18,223	Swenson, Erik G.	Reg. No. 29,114
Gregson, Richard	Reg. No. 41,804	Tellekson, David K.	Reg. No. 45,147
Gresens, John J.	Reg. No. 33,112	Trembath, Jon R.	Reg. No. 32,314
Hamer, Samuel A.	Reg. No. 46,754	Tunheim, Marcia A.	Reg. No. 38,344
Hamre, Curtis B.	Reg. No. 29,165	Underhill, Albert L.	Reg. No. 42,189
Hennings, Mark	Reg. No. 48,982	Vandenburgh, J. Derek	Reg. No. 27,403
Hertzberg, Brett A.	Reg. No. 42,660	Vidovich, Kristin K.	Reg. No. 32,179
Hillson, Randall A.	Reg. No. 31,838	Wahl, John R.	Reg. No. 41,448
Holzer, Jr., Richard J.	Reg. No. 42,668	Weaver, Paul L.	Reg. No. 33,044
Hope, Leonard J.	Reg. No. 44,774	Welter, Paul A.	Reg. No. 48,640
Hornsby, III, Alton	Reg. No. 47,299	Whipps, Brian	Reg. No. 20,890
Jardine, John S.	Reg. No. 48,835	Whitaker, John E.	Reg. No. 43,261
Johns, Nicholas P.	Reg. No. 48,995	Wier, David D.	Reg. No. 42,222
Johnston, Scott W.	Reg. No. 39,721	Williams, Douglas J.	Reg. No. 48,229
Kadievitch, Natalie D.	Reg. No. 34,196	Withers, James D.	Reg. No. 27,054
Kalinsky, Robert A.	Reg. No. 50,471	Wong, Bryan A.	Reg. No. 40,376
Kettelberger, Denise	Reg. No. 33,924		Reg. No. 50,836
Keys, Jeramie J.	Reg. No. 42,724	Wong, Thomas S. Young, Thomas	Reg. No. 48,577
Knearl, Homer L.	Reg. No. 21,197	Zeuli, Anthony R.	Reg. No. 25,796
Kowalchyk, Alan W.	Reg. No. 31,535	con, Annony R.	Reg. No. 45,255
Kowalchyk, Katherine M.	Reg. No. 36,848		•
Lamberty, Michael	Reg. No. 50,760		
		· •	

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I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Merchant & Gould P.C. to the contrary.

I understand that the execution of this document, and the grant of a power of attorney, does not in itself establish an attorney-client relationship between the undersigned and the law firm Merchant & Gould P.C., or any of its attorneys.

Please direct all correspondence in this case to Merchant & Gould P.C. at the address indicated below:

Merchant & Gould P.C. P.O. Box 2903 Minneapolis, MN 55402-0903 *2355

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2	Full Name Of Inventor	Family Name Teroda	First Given Name Hiroshi	Second Given Name
0	Residence & Citizenship Mailing	City Ikoma Address	State or Foreign Country Nara City	Country of Citizenship Japan
Sie	Address	8-25, Mayumi 4-chome	Ikome	State & Zip Code/Country Nara 630-0122 / Japan
-	Cartaine of Theentor	<i>2</i> 01;		Date:
2	Full Name Of Inventor	Family Name Toyoda	First Given Name Akinori	Second Given Name
)	Residence & Citizenship	City Katano	State or Foreign Country Osaka	Country of Citizenship Japan
_	Mailing Address	Address 10-419, Ikuno 1-chome	City Katano	State & Zip Code/Country Osaaka 576-0054 / Japan
'B'	ature of loventor 2	02:	E	Pate:
	Full Name Of Inventor	Family Name Urata	First Given Name Yoshihito	Second Given Name
	Residence & Citizenship Mailing	City Katano	State or Foreign Country Osaku	Country of Citizenship Japan
	Address	Address I-38-20, Kisabe	City Katano	State & Zip Code/Country Osaka 576-0052 / Japan
g.n.	iture of Inventor 20	yoshihita U	rata	Oct 29, 2004
	Full Name Of Inventor	Family Name Yamamoto	First Given Name Hajime	Second Given Name
	Residence & Citizenship Mailing	City Ikoma	State or Foreign Country Nara	Country of Citizenship
n at	-	Address 4-18-1, Kitayamato	City Ikoma	State & Zip Code/Country Nara 630-0121 / Japan
	204	•	Dat	

2	Full Name Of Inventor	Family Name Genji	First Given Name Nobuo	Second Given Name
0	Residence	City		
s	& Citizenship Mailing	Osakasayama Address	State or Foreign Country Nara	Country of Citizenship Japan
Sie	Address	3-361-1-324, Handa	City Osakasayama	State & Zip Code/Country
	Parente of Hacutok	205:		Osaka 589-0011 / Japan Date:
2	Full Name Of Inventor	Family Name Istrimanu	First Given Name Nanaki	Second Given Name
0	Residence & Citizenship	City Minoo	State or Foreign Country Osaka	Country of Citizenship
6 	Mailing Address	Address 5-15-A401, Niina	City Minoo	Japan State & Zip Code/Country
orgi	nature of Inventor 2	06:		Osaka 562-0005 / Japan Date:
:	Full Name Of Inventor	Family Name Nakatsugawa	First Given Name Tatsuo	Second Given Name
•	Residence & Citizenship	City Utsunomiya	State or Foreign Country Tochigi	Country of Citizenship.
	Mailing Address	Address 29-57, Tsurutamachi	City Utsunomiya	State & Zip Code/Country
igo:	ature of Inventor 20	7 : 	D	Tochigi 320-0851 / Japan
	Full Name Of Inventor	Family Name Naito	First Given Name Masakazu	Second Given Name
	Residence & Citizenship	City Shioya	State or Foreign Country Tochigi	Country of Citizenship
700	Mailing Address ure of Inventor 208	Address 2-8-18, Housekidai, Takanezawa-cho	City Shioya	State & Zip Code/Country Tochigi 329-1231/Japan
,	AND TOTAL TOTAL TOTAL TOTAL	1	Da	1

Attorney Docket No. 10873.403USRE

Nov 03 04 12:08p

MERCHANT & GOULD P.C.

612 332 9081

United States Patent Application

SUBSTITUTE COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe are named below) of the DEVICE AND IMAGE	I am the original, first subject matter which is FORMING DEVICE L	and sole inventor claimed and for JSING THE SAM	(if only one name is lead which a patent is sought	isted below) (tht on the inv	or a joint inventor (if plural i ention entitled: IMAGE HE	nventors ATING
The specification of whi a. is attached hereto b. was filed on Februapplication) described ar solicit a United States pa	uary 1, 2002 as applicated claimed in internation	ion serial no. 10/ nal no. filed	066,035 and was amer and as amended on	nded on (i (if any),	f applicable) (in the case of a which I have reviewed and f	a PCT-filed or which I
I hereby state that I have any amendment referred	reviewed and understar to above.	id the contents of	f the above-identified :	specification,	including the claims, as ame	aded by
I hereby claim foreign precertificate listed below as that of the application on a. no such application b. such applications be a such applications because of the such ap	the basis of which prior	rity is claimed:	ites Code, § 119/365 o 1 application for patent	f any foreign or inventor's	applicution(s) for patent or is certificate having a filing do	nventor's ate before
	FOREIGN APPLICA	TION(S), IF ANY, (CLAIMING PRIORITY U	NDER 35 USC	\$119	
COUNTRY	APPLICATIO		DATE OF FILING (day, month, year)		DATE OF ISSUE (day, month, year)	
Japan	10-132984		15 May 1998		(day, month, year)	I
Japan	10-203005		17 July 1998			
A	LL FOREIGN APPLICAT	ION(S), IF ANY, FI		RITY APPLIC	CATION/S)	
COUNTRY	APPLICATIO	N NUMBER	DATE OF FILING (day, month, year)		DATE OF ISSUE (day, month, year)	
manner provided by the fir	st paragraph of Title 35 f Federal Regulations	United States C	is application is not dis	closed in the	international application(s) prior United States applicate to disclose material informate prior application and the	on in the
U.S. APPLICATION N	UMBER D	ATE OF FILING (lay, month, year)	STATUS	(patented, pending, abandoned)	
hereby claim the benefit u	ader Title 35, United Si	ates Code § 119	(e) of any United State	s provisional	application(s) listed below:	
U.S. PROVISIO	NAL APPLICATION NUM	/BER	DA	re of filing	(Day, Month, Year)	\neg
		<u> </u>				

I acknowledge the duty to disclose information that is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56 (reprinted below):

§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information that is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of the patentability of known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim;

or

- (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.
- (e) In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

Identification of Error:

I believe that the original patent, upon which the present reissue is based, may be partially inoperative for failing to claim all that the inventors were entitled to claim. The granted claims may not adequately reflect the aspect of the invention disclosed at column 21, line 50 to column 22, line 25, and column 23, lines 5-45, as now reflected in new claim 35 which reads: An image heating device comprising: a

heat-generating member comprising a magnetic layer; a magnetization member for magnetizing said heat-generating member with an alternating magnetic field, which is arranged in opposition to said heat-generating member; a nip portion for heating a recording material that carries a toner image with heat from said heat-generating member, while the recording material is being conveyed along said nip portion; and a movable film that is separated from the heat generating member, the nip portion being formed between a pressure roller and the movable film; wherein the heat-generating member contacts a contact part of the movable film and is arranged so as to be opposed to the magnetization member at a different position from that of the nip portion, and transmits generated heat to the movable film at the contact part. I confirm that all errors being corrected in the reissue application were made without any deceptive intent.

Merchant & Gould

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and

Ali, M. Jeffer	Da - N. 45		
Altera, Allan G.	Reg. No. 46,359	Larson, James A.	Reg. No. 40,443
Anderson, Gregg I.	Reg. No. 40,274	Leonard, Christopher J.	Reg. No. 41,940
Batzli, Brian H.	Reg. No. 28,828	Liepa, Mara E.	Reg. No. 40,066
Beard, John L	Reg. No. 32,960	Lindquist, Timothy A.	Reg. No. 40,701
Berns, John M.	Reg. No. 27,612	Lown, Jean A.	Reg. No. 48,428
Branch, John W.	Reg. No. 43,496	McDonald, Daniel W.	Reg. No. 32,044
Brown, Jeffrey C.	Reg. No. 41,633	McIntyre, Jr., William F.	Reg. No. 44,921
Bruess, Steven C.	Reg. No. 41,643	Mueller, Douglas P.	Reg. No. 30,300
Burnham, Jonelle	Reg. No. 34,130	Nelson, Anna M.	Reg. No. 48,935
Byrne, Linda M.	Reg. No. 41,980	Parsons, Nancy J.	Reg. No. 40,364
Campbell, Keith	Reg. No. 32,404	Pauly, Daniel M.	Reg. No. 40,123
Carlson, Alan G.	Reg. No. 46,597	Peterson, Kyle T.	Reg. No. 46,989
Caspers, Philip P.	Reg. No. 25,959	Phillips, John B.	Reg. No. 37,206
Clifford, John A.	Reg. No. 33,227	Pino, Mark J.	Reg. No. 43,858
Cook, Jeffrey	Reg. No. 30,247	Pytel, Melissa J.	Reg. No. 41,512
Daignault, Ronald A.	Reg. No. 48,649	Qualey, Terry	Reg. No. 25,148
	Reg. No. 25,968	Randall, Joshua N.	Reg. No. 50,719
Daley, Dennis R. Daulton, Julie R.	Reg. No. 34,994	Reich, John C.	Reg. No. 37,703
DeVeies Smith Weshering No.	Reg. No. 36,414	Reiland, Earl D.	Reg. No. 25,767
DeVries Smith, Katherine M.	Reg. No. 42,157	Schmaltz, David G.	Reg. No. 39,828
DiPietro, Mark J.	Reg. No. 28,707	Schuman, Mark D.	Reg. No. 31,197
Doscotch, Matthew A.	Reg. No. 48,957	Schumann, Michael D.	Reg. No. 30,422
Edell, Robert T.	Reg. No. 20,187	Scull, Timothy B.	Reg. No. 42,137
Epp Ryan, Sandra	Reg. No. 39,667	Sebald, Gregory A.	Reg. No. 33,280
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Gadiano, Christina M.	Reg. No. 37,628	Spellman, Steven J.	Reg. No. 45,124
Goff, Jared S.	Reg. No. 44,716	Stewart, Alan R.	Reg. No. 47,974
Goggin, Matthew J.	Reg. No. 44,125	Stoll-DeBell, Kirstin L.	Reg. No. 43,164
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Gorman, Alan G.	Reg. No. 38,472	Sumner, John P.	Reg. No. 29,114
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Hertzberg, Brett A. Hillson, Randall A.	Reg. No. 42,660	Vidovich, Kristin K.	Reg. No. 41,448
	Reg. No. 31,838	Wahl, John R.	Reg. No. 33,044
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Hope, Leonard J.	Reg. No. 44,774	Welter, Paul A.	Reg. No. 20,890
Hornsby, III, Alton Jardine, John S.	Reg. No. 47,299	Whipps, Brian	Reg. No. 43,261
Johns, Nicholas P.	Reg. No. 48,835	Whitaker, John E.	Reg. No. 42,222
Johnston, Scott W.	Reg. No. 48,995	Wier, David D.	Reg. No. 48,229
Kadievitch, Natalie D.	Reg. No. 39,721	Williams, Douglas J.	Reg. No. 27,054
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	Reg. No. 50,471	Wong, Bryan A.	Reg. No. 50,836
Kettelberger, Denise Keys, Jeramie J.	Reg. No. 33,924	Wong, Thomas S.	Reg. No. 48,577
	Reg. No. 42,724	Young, Thomas	Reg. No. 25,796
Knearl, Homer L.	Reg. No. 21,197	Zeuli, Anthony R.	Reg. No. 45,255
Kowalchyk, Alan W.	Reg. No. 31,535	•	
Kowalchyk, Katherine M. Lamberty, Michael	Reg. No. 36,848	•	
Zamochy, iviichaei	Reg. No. 50,760		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Merchant & Gould P.C. to the contrary.

I understand that the execution of this document, and the grant of a power of attorney, does not in itself establish an attorney-client relationship between the undersigned and the law firm Merchant & Gould P.C., or any of its attorneys.

Please direct all correspondence in this case to Merchant & Gould P.C. at the address indicated below:

Merchant & Gould P.C. P.O. Box 2903 Minneapolis, MN 55402-0903 *2355

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2	Full Name Of Inventor	Family Name Terada	First Given Name	Second Given Name
0	Residence	City		
	& Citizenship	Ikoma	State or Foreign Country Nama	Country of Citizenship
1	Mailing	Address	City	Japan
	Address	8-25, Mayumi 4-chome	Ikome	State & Zip Code/Country
Sig	nature of Inventor		ikone.	Nara 630-0122 / Japan
-	Full Name			
2	Of Inventor	Family Name	First Given Name	Second Given Name
_	Of Inventor	Toyoda	Akinori	
9	Residence	City	State or Foreign Country	Country of Citizenship
	& Citizenship	Katano	Osaka	Japan
2	Mailing	Address	City	State & Zip Code/Country
_	Address	10-419, Ikuno 1-chome	Katano	Osanka 576-0054 / Japan
igi	nature of Inventor 2	162:		Date:
	Full Name	Family Name	First Given Name	
2	OfInventor	Urata	Yoshihizo	Second Given Name
}	Residence	City	State or Foreign Country	
	& Citizenship	Катало	Osaka	Country of Citizenship
	Mailing	Address	City	Japan St. C. T. C.
_	Address	1-38-20, Kisabe	Katano	State & Zip Code/Country Osaka 576-0052 / Japan
gn	ature of Inventor 20	3;		Date:
	Full Name	Family Name	First Given Name	
	Of Inventor	Yamamoto	Hajime	Second Given Name
	Residence	City		
ļ	& Citizenship	lkoma	State or Foreign Country Nara	Country of Citizenship
	Mailing	Address	City	Japan
Ц.	Address	4-18-1, Kitayamato	Ikoma	State & Zip Code/Country
ma	ture of Inventor 204	l:		Nara 630-0121 / Japan
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Of Inventor Residence & Citizenship Mailing Address ature of Inventor	City Osakasayama Address 3-361-1-324, Handa	First Given Name Nobuo State or Foreign Country Nara	Second Given Name Country of Citizenship
& Citizenship Mailing Address	Osakasayama Address		Country of Citizenship
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<u> </u>	3-361-1-324, Handa	City	Japan State Colored
ature of Inventor		Osakasayama	State & Zip Code/Country Osaka 589-0011 / Japan
	Nobico Genjû		Dates
Full Name	Family Name		Oct 28, 2004
Of Inventor	Ishimaru	First Given Name	Second Given Name
		Naoaki	
Residence	City	State on Familia C	
	Minoo		Country of Citizenship
Mailing	Address		Japan
	5-15-A401, Niina	1 -	State & Zip Code/Country
ture of Inventor	206;		Osaka 562-0005 / Japaz ate:
		_	att.
	Family Name	First Chen Name	
Of Inventor	Nakatsugowa	Tatsuo	Second Given Name
		_	
	, -	State or Foreign Country	Country of Citizenship
		Tochigi	Japan
-	1	City	
		Utsunomiya	State & Zip Code/Country Tochigi 320-0851 / Japan
ure of Inventor 2	07:	Da	
Full Name	Family Name	BW 42	
Of Inventor	Naito		Second Given Name
		Masa Kazu	1
Residence	City	State on Foundation	
& Citizenship	Shioya		Country of Citizenship
Mailing	Address		Japan
Address	2-8-18, Housekidai, Takanezawa-cho	·	State & Zip Code/Country
re of Inventor 20	8:		Tochigi 329-1231 / Japan
		Dat	e:
	Residence & Cltizenship Mailing Address ture of Inventor Full Name Of Inventor Residence & Citizenship Mailing Address ure of Inventor 2 Full Name Of Inventor Residence & Citizenship Mailing Address	Residence City & Cltizenship Minoo Mailing Address 5-15-A401, Niina ture of Inventor 206: Full Name Family Name Nakatsugawa Residence City & Citizenship Utsunomiya Mailing Address 29-57, Tsurutarnachi ure of Inventor 207: Full Name Family Name Naito Residence City Scritizenship Shioya Mailing Address Address	Residence & Clitzenship Mailing Address Address Address S-15-A401, Niina State or Foreign Country Osaka City Minoo Mailing Address S-15-A401, Niina Sture of Inventor 206: Full Name Of Inventor Nakatsugawa Residence & City & Clitzenship Utsunomiya Mailing Address Address 29-57, Tsurutarnachi Trochigi Tochigi Tochigi

Attorney Docket No. 10873.403USRE

MERCHANT & GOULD P.C.

United States Patent Application

SUBSTITUTE COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am t are named below) of the subject DEVICE AND IMAGE FORM	he original, first and sole inventor ct matter which is claimed and for MING DEVICE USING THE SAN	(if only one name is which a patent is sou ME	listed below) (aght on the inv	or a joint inventor (if plural invent ention entitled: IMAGE HEATIN	tors VG
The specification of which a. is attached hereto b. was filed on February 1, application) described and clair solicit a United States patent.	2002 as application serial no. 10// ned in international no. filed	066,035 and was ame and as amended o	ended on (i n (if any),	f applicable) (in the case of a PCT which I have reviewed and for wh	Γ-filed hich I
I hereby state that I have review any amendment referred to about	ved and understand the contents of ve.	f the above-identified	specification,	including the claims, as amended	by
I hereby claim foreign priority be certificate listed below and have that of the application on the bas	enefits under Title 35, United State also identified below any foreign is of which priority is claimed:	tes Code, § 119/365 of application for pater	of any foreign at or inventor's	application(s) for patent or invent certificate having a filing date be	or's fore
a. no such applications have b. such applications have been	been filed. en filed as follows:				
F0	REIGN APPLICATION(S), IF ANY, C	TAMING PRIORIES			_
COUNTRY	APPLICATION NUMBER	DATE OF THATS	UNDER 35 USC	119	46
<u>-</u>		DATE OF FILING (day, month, year)		DATE OF ISSUE	1
Japan	10-132984	15 May 1998		(day, month, year)	ĺ
Japan	10-203005	17 July 1998			A
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COUNTRY	APPLICATION NUMBER	ED BEFORE THE PRI	ORITY APPLIC.	ATION(S)	-
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U.S. APPLICATION NUMBER	DATE OF FILING (da	y, month, year)	STATUS (patented, pending, abandoned)	
hereby claim the benefit under Tit	le 35, United States Code § 119(e) of any United State	s provisional a	pplication(s) listed below:	
U.S. PROVISIONAL AP				Day, Month. Year)	
-					

I acknowledge the duty to disclose information that is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56 (reprinted below):

§ 1.56 Duty to disclose information material to patentability.

Merchant & Gould

- A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information that is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages
 - prior art cited in search reports of a foreign patent office in a counterpart application, and (1)
- the closest information over which individuals associated with the filing or prosecution of a patent application (2) believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; (1)
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- Individuals associated with the filing or prosecution of a patent application within the meaning of this section are: (c)
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
- Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.
- In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

Identification of Error:

OF

I believe that the original patent, upon which the present reissue is based, may be partially inoperative for failing to claim all that the inventors were entitled to claim. The granted claims may not adequately reflect the aspect of the invention disclosed at column 21, line 50 to column 22, line 25, and column 23, lines 5-45, as now reflected in new claim 35 which reads: An image heating device comprising: a

heat-generating member comprising a magnetic layer; a magnetization member for magnetizing said heat-generating member with an alternating magnetic field, which is arranged in opposition to said heat-generating member: a nip portion for heating a recording material that carries a toner image with heat from said heat-generating member, while the recording material is being conveyed along said nip portion; and a movable film that is separated from the heat generating member, the nip portion being formed between a pressure roller and the movable film; wherein the heat-generating member contacts a contact part of the movable film and is arranged so as to be opposed to the magnetization member at a different position from that of the nip portion, and transmits generated heat to the movable film at the contact part. I confirm that all errors being corrected in the reissue application were made without any deceptive intent.

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and

			•
Ali, M. Jeffer	Reg. No. 46,359	_	
Aitera, Allan G.	Reg. No. 40,274	Larson, James A.	Reg. No. 40,443
Anderson, Gregg I.	Reg. No. 28,828	Leonard, Christopher J.	Reg. No. 41,940
Batzli, Brian H.	Reg. No. 32,960	Liepa, Mara E.	Reg. No. 40,066
Beard, John L.	Reg. No. 32,900	Lindquist, Timothy A.	Reg. No. 40,701
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Burnham, Jonelle	Reg. No. 34,130	Nelson, Anna M.	Reg. No. 30,300
Byrne, Linda M.	Reg. No. 41,980	Parsons, Nancy J.	Reg. No. 48,935
Campbell, Keith	Reg. No. 32,404	Pauly, Daniel M.	Reg. No. 40,364
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Daley, Dennis R.	Reg. No. 34,994	Randall, Joshua N.	Reg. No. 50,719
Daulton, Julie R.	Reg. No. 36,414	Reich, John C.	Reg. No. 37,703
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Gregson, Richard	Reg. No. 41,804	Swenson, Erik G.	Reg. No. 45,147
Gresens, John J.	Reg. No. 33,112	Tellekson, David K.	Reg. No. 32,314
Hamer, Samuel A.	Reg. No. 46,754	Trembath, Jon R.	Reg. No. 38,344
Hamre, Curtis B.	Reg. No. 29,165	Tunheim, Marcia A.	Reg. No. 42,189
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Kowalchyk, Alan W.	Reg. No. 31,535	Zan, Anthony K.	Reg. No. 45,255
Kowalchyk, Katherine M.	Reg. No. 36,848		
Lamberty, Michael	Reg. No. 50,760		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Merchant & Gould P.C. to the contrary.

I understand that the execution of this document, and the grant of a power of attorney, does not in itself establish an attorney-client relationship between the undersigned and the law firm Merchant & Gould P.C., or any of its attorneys.

Please direct all correspondence in this case to Merchant & Gould P.C. at the address indicated below:

Merchant & Gould P.C. P.O. Box 2903 Minneapolis, MN 55402-0903 *2355 2*

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2	Full Name Of Inventor	Family Name Torada	First Given Name Hiroshi	Second Given Name
0	Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
1	Mailing Address	Address 8-25, Mayumi 4-chome	Nam City Ikome	Japan State & Zip Code/Country
Sig	gnature of loventor	201:		Nara 630-0122 / Japan
2	Full Name Of Inventor	Family Name Toyoda	First Given Name Akinori	Second Given Name
0 2	Residence & Citizenship Mailing	City Katano	State or Foreign Country Osaka	Country of Citizenship
	Address	Address 10-419, Ikuno I-chome	City Katano	State & Zip Code/Country Osaaka 576-0054 / Japan
~.g.		02;	Date	e:
2	Full Name Of Inventor	Family Name Urata	First Given Name Yoshihito	Second Given Name
)	Residence & Citizenship	City Kamno	State or Foreign Country Osaka	Country of Citizenship
	Address 1-38-20, Kisabe		City Kutano	State & Zip Code/Country
iğ na	ture of Inventor 20	3:	Date	Osaka 576-0052 / Japan
	Full Name Of Inventor	Family Name Yamamoto	First Given Name Hajime	Second Given Name
	& Citizenship	City Ikoma	State or Foreign Country Nara	Country of Citizenship
		Address 4-18-1, Kitayamato	City Ikoma	State & Zip Code/Country Nara 630-0121 / Japan
_	ure of inventor 204:			

2	Full Name Of Inventor	Family Name Genji	First Given Name Nobuo	Second Given Name
٥	Residence & Citizenship	City	State or Foreign Country	
5	Mailing	Osakasayama Address	Nara Nara	Country of Citizenship Japan
Sig	Address pasture of Inventor	3-361-1-324, Handa 205:	City Osakasayama	State & Zip Code/Country Osaka 589-0011 / Japan
_	r u s:			Date:
2	Full Name Of Inventor	Family Name Ishimaru	First Given Name Naoaki	Second Given Name
0 6	Residence & Citizenship Mailing	City Minoo	State or Foreign Country Osaka	Country of Citizenship
	Address ature of Inventor 2	Address 5-15-A401, Niina	City Minoo	State & Zip Code/Country
		Maoaki		Osaka 562-0005 / Japan
2	Full Name Of Inventor	Family Name Nokatsugawa	First Given Name Tatsuo	Oct 29, 2004 Second Given Name
	Residence & Citizenship	City Utsunomiya	State or Foreign Country Tochigi	Country of Citizenship Japan
	Mailing Address	Address 29-57, Tsurutamachi	City Utsunomiya	State & Zip Code/Country
gna 	ture of Inventor 20	7:	Dat	Tochigi 320-0851 / Japan
	Full Name Of Inventor	Family Name Naito	First Given Name Masakazu	Second Given Name
_	Residence & Citizenship Mulling	City Shioya	State or Foreign Country Tochigi	Country of Citizenship Japan
	- 1	Address 2-8-18, Housekidai, Takanezawa-cho	City Shioya	State & Zip Code/Country Tochigi 329-1231 / Japan
		•	Date	

Attorney Docket No. 10873.403USRE

MERCHANT & GOULD P.C.

United States Patent Application

SUBSTITUTE COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe 1 am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: IMAGE HEATING DEVICE AND IMAGE FORMING DEVICE USING THE SAME The specification of which a. is attached hereto b. was filed on February 1, 2002 as application serial no. 10/066,035 and was amended on application) described and claimed in international no. filed (if applicable) (in the case of a PCT-filed and as amended on (if any), which I have reviewed and for which I solicit a United States patent. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by I hereby claim foreign priority benefits under Title 35, United States Code, § 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed: a. no such applications have been filed. b. X such applications have been filed as follows:

COUNTRY	FOREIGN APPLICATION(S), IF ANY APPLICATION NUMBER	DATE OF FILING	DATE OF ISSUE
Japan	10-132984	(day, month, year) 15 May 1998	(day, month, year)
Japan	10-203005	17 July 1998	
	ALL FOREIGN APPLICATION(S), IF ANY,	FILED BEFORE THE PRIORITY	APPLICATION(S)
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)
		(), month, year)	(day, month, year)
			

I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. APPLICATION NUMBER	DATE OF FILING (day, month, year)	CTT 4 True 4
	(tay) south, year)	STATUS (patented, pending, abandoned)
<u> </u>	<u> </u>	
<u></u>		

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

U.S. PROVISIONAL APPLICATION NUMBER	
ATTECATION NUMBER	DATE OF FILING (Day, Month, Year)
	(2dy, Mount, Tear)

I acknowledge the duty to disclose information that is material to the patentability of this application in accordance with Title 37, Code of

§ 1.56 Duty to disclose information material to patentability.

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Identification of Error:

or

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1 hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Ali M Inter			
Ali, M. Jeffer Altera, Allan G.	Reg. No. 46,359	Larson, James A.	Pop No. 40 442
Anderson, Gregg I.	Reg. No. 40,274	Leonard, Christopher J.	Reg. No. 40,443
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Kowalchyk, Katherine M.	Reg. No. 36,848		
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Merchant & Gould P.C. P.O. Box 2903 Minneapolis, MN 55402-0903

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2	Full Name Of Inventor	Family Name Terada	First Given Name Hiroshi	Second Given Name
0	Residence & Citizenship	City	State or Foreign Country	
1	Mailing	Ikoma Address	Nara City	Country of Citizenship Japan
Si	Address gnature of Inventor	8-25, Mayumi 4-chome 201:	Ikome	State & Zip Code/Country Nara 630-0122 / Japan
	Full Name		Date	e:
2	Of Inventor	Family Name Toyoda	First Given Name Akinori	Second Given Name
0 2	Residence & Citizenship	City Katano	State or Foreign Country Osaka	Country of Citizenship
	Mailing Address pature of Inventor 2	Address 10-419, Ikuno I-chome	City Katano	State & Zip Code/Country
		92:	Date:	Osaaka 576-0054 / Japan
:	Full Name Of Inventor	Family Name Urata	First Given Name Yoshihito	Second Given Name
	Residence & Citizenship	City Katano	State or Poreign Country	Country of Citizenship
	Mailing Address	Address 1-38-20, Kisabe	Osaka City	Japan
gna	ture of Inventor 20:	::	Katano Date;	State & Zip Code/Country Osaka 576-0052 / Japan
	Full Name	Family Name		
	Of Inventor	Yamamoto	First Given Name Hajime	Second Given Name
		City	State or Foreign Country	Country of Citizenship
1	Mailing	Address -18-1, Kitayamato	Nara City	Japan State & Zip Code/Country
_	ure of Inventor 204;	, гысауаціяці	Ikoma	Nara 630-0121 / Japan
_			Date:	

2	Full Name Of Inventor	Family Name Genji	First Given Name		Second Given Name
0	Residence	City	Nobuo		, and the same
5	& Citizenship Mailing		State or Foreign Count	bry	Country of Citizenship
Sign	Address	3-361-1-324, Handa	City Osakasayama		State & Zip Code/Country Osaka 589-0011 / Japan
	Full Name	Family Name		Date:	1 2 2001 / Ларап
2	Of Inventor	Ishimaru	First Given Name Naoaki		Second Given Name
)	Residence & Citizenship	City Minoo	State or Foreign Countr	y	Country of Citizenship
	Mailing Address	Address 5-15-A401, Niina	Osaka City		Japan State & Zip Code/Country
gne	ture of Inventor	206:	Minoo	Date:	Osaka 562-0005 / Japan
	Full Name Of Inventor	Family Name Nakatsugawa	First Given Name Tatsuo		Second Given Name
-	Residence & Citizenship Mailing	City Utsunomiya	State or Foreign Country Tochigi		Country of Citizenship
\perp	Address ure of Inventor 26	Address 29-57, Tsurutamachi	City Utsunomiya		State & Zip Code/Country Tochigi 320-0851 / Japan
-,-	Foli Name	Nakat sugawa	Tatsuo	Date:	Oct 29, 2004
	Of Inventor	Family Name Naito	First Given Name Masakazu		Second Given Name
4	Residence & Citizenship	City Shioya	State or Foreign Country		Country of Citizenship
A		Address 2-8-18, Housekidai, Takanezawa-cho	Tochigi City Shioya		Japan State & Zip Code/Country
	* *** Son - 509	;			Tochigi 329-1231 / Japan

DATE OF FILING (Day, Month, Year)

Attorney Docket No. 10873.403USRE

U.S. PROVISIONAL APPLICATION NUMBER

MERCHANT & GOULD P.C.

United States Patent Application

SUBSTITUTE COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as statu name; that I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (it are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: IM/ The specification of which a. is attached hereto b. was filed on February 1, 2002 as application serial no. 10/066,035 and was amended on (if applicable) (in the case of the specification) described and claimed in international no. filed and as amended on (if any), which I have reviewed application) described and claimed in international no. filed and as amended on (if any), which I have reviewed specificated and understand the contents of the above-identified specification, including the claims, any amendment referred to above. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, any amendment referred to above. I hereby claim foreign priority benefits under Title 35, United States Code, § 119/365 of any foreign application(s) for patent that of the application on the basis of which priority is claimed: a. in o such applications have been filed. b. in such applications have been filed as follows: FOREIGN APPLICATION(S), IF ANY, CLAIMING PRIORITY UNDER 35 USC § 119 APPLICATION NUMBER DATE OF FILING (day, month, year) (day, month, year) Japan ALL FOREIGN APPLICATION(S), IF ANY, FILED BEFORE THE PRIORITY APPLICATION(S) DATE OF ISSUE (day, month, year) (day, month, year)	
are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: 1MA DEVICE AND IMAGE FORMING DEVICE USING THE SAME The specification of which a is attached hereto b was filed on February 1, 2002 as application serial no. 10/066,035 and was amended on (if applicable) (in the cappilication) described and claimed in international no. filed and as amended on (if any), which I have review application) described and claimed in international no. filed and as amended on (if any), which I have review solicit a United States patent. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, any amendment referred to above. I hereby claim foreign priority benefits under Title 35, United States Code, § 119/365 of any foreign application(s) for patent of the application on the basis of which priority is claimed: a as out application on the basis of which priority is claimed: a as ouch applications have been filed. b applications have been filed as follows: FOREIGN APPLICATION NUMBER DATE OF ILING (day, month, year) APPLICATION NUMBER DATE OF FILING (day, month, year) APPLICATION NUMBER ALL FOREIGN APPLICATION(S), IF ANY, FILED BEFORE THE PRIORITY APPLICATION(S) COUNTRY APPLICATION NUMBER DATE OF FILING (day, month, year) APPLICATION, part of Filing (day, month, year) APPLICATION NUMBER DATE OF FILING (day, month, year)	
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a. is attached hereto b. was filed on February 1, 2002 as application serial no. 10/066,035 and was amended on (if applicable) (in the companies of the state of the above-identified specification, including the claims, any amendment referred to above. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, any amendment referred to above. I hereby claim foreign priority benefits under Title 35, United States Code, § 119/365 of any foreign application(s) for patent certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a final one such application on the basis of which priority is claimed: a. in osuch applications have been filed. b. such applications have been filed. The property of the above of the above-identified specification, including the claims, and any amendment referred to above. FOREIGN APPLICATION(S), IF ANY, CLAIMING PRIORITY UNDER 35 USC § 119 APPLICATION NUMBER DATE OF FILING (day, month, year) ALL FOREIGN APPLICATION(S), IF ANY, FILED BEFORE THE PRIORITY APPLICATION(S) ALL FOREIGN APPLICATION NUMBER DATE OF FILING (day, month, year) APPLICATION NUMBER DATE OF FILING (day, month, year) ALL FOREIGN APPLICATION NUMBER DATE OF FILING (day, month, year)	GE HEATI
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reby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application ner provided by the first paragraph of Title 35, United States Code, States and PCT international application is not disclosed in the prior United States and PCT international application.	السمسه
ner provided by the first paragraph of This application is not discussed and PCT international application	n(s) listed
we and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application application of Title 35, United States Code, § 112, I acknowledge the duty to disclose material informational application is not disclosed in the prior United States applications. § 1.56(a) which occurred between the duty to disclose material info	ication in the
ner provided by the first paragraph of Title 35, United States Code, § 120/365 of any United States and PCT international application ner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material informational filing date of this application.	rmation as
need in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of this application and international applications. § 1.56(a) which occurred between the filing date of this application.	the national
U.S. APPLICATION NUMBER	
DATE OF FILING (day mount)	
STATUS (patented, pending, abandon	ed)
	
by claim the benefit under Title 35, United States Code § 119(c) of any United States provisional application(s) listed below	
States Code § 119(e) of any United States provisional application	- -
U.S. PROVISIONAL APPLICATION	

I acknowledge the duty to disclose information that is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56 (reprinted below):

§ 1.56 Duty to disclose information material to patentability.

Merchant & Gould

- A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information that is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages
 - prior art cited in search reports of a foreign patent office in a counterpart application, and (1)
- the closest information over which individuals associated with the filing or prosecution of a patent application (2)believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1)It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim;

or

- (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of

- Individuals associated with the filing or prosecution of a patent application within the meaning of this section are: (c) (1)
 - Each inventor named in the application:
 - Each attorney or agent who prepares or prosecutes the application; and (2)
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.
- In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

Identification of Error:

I believe that the original patent, upon which the present reissue is based, may be partially inoperative for failing to claim all that the inventors were entitled to claim. The granted claims may not adequately reflect the aspect of the invention disclosed at column 21, line 50 to column 22, line 25, and column 23, lines 5-45, as now reflected in new claim 35 which reads: An image heating device comprising: a

heat-generating member comprising a magnetic layer; a magnetization member for magnetizing said heat-generating member with an alternating magnetic field, which is arranged in opposition to said heat-generating member; a nip portion for heating a recording material that carries a toner image with heat from said heat-generating member, while the recording material is being conveyed along said nip portion; and a movable film that is separated from the heat generating member, the nip portion being formed between a pressure roller and the magnetization member at a different position from that of the nip portion, and transmits generated heat to the movable film at the contact part. I confirm that all errors being corrected in the reissue application were made without any deceptive intent.

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

		and to	transact all business in the
Ali, M. Jeffer	Rea No. 45 acr		===== Inc
Altera, Allan G.	Reg. No. 46,359	Larson, James A.	
Anderson, Gregg I.	Reg. No. 40,274	Leonard China	Reg. No. 40,443
Batzli, Brian H.	Reg. No. 28,828	Leonard, Christopher J. Liepa, Mara E.	Reg. No. 41,940
Beard, John I	Reg. No. 32,960	Lindavies Time	Reg. No. 40,066
Berns, John M.	Reg. No. 27,612	Lindquist, Timothy A.	Reg. No. 40,701
Branch, John W.	Reg. No. 43,496	Lown, Jean A.	Reg. No. 48,428
Brown, Jeffrey C.	Reg. No. 41,633	McDonald, Daniel W.	Reg. No. 32,044
Bruess, Steven C.	Reg. No. 41,643	Molntyre, Jr., William F.	Reg. No. 44,921
Burnham, Joneile	Reg. No. 34,130	Mueller, Douglas P.	Reg. No. 30,300
Byrne, Linda M.	Reg. No. 41,980	Nelson, Anna M.	Reg. No. 48,935
Campbell, Keith	Reg. No. 32,404	Parsons, Nancy J.	Reg. No. 40,364
Carlson, Alan G.	Reg. No. 46,597	Pauly, Daniel M.	Reg. No. 40,123
Caspers, Philip P.	Reg. No. 25,959	Peterson, Kyle T.	Reg. No. 46,989
Clifford, John A.	Reg. No. 33,227	Phillips, John B.	Reg. No. 37,206
Cook, Jeffrey	Reg. No. 30,247	Pino, Mark J.	Reg. No. 43,858
Daignault, Ronald A.	Reg. No. 48,649	Pytel, Melissa J.	Reg. No. 41,512
Daley, Dennis R.	Reg. No. 25,968	Qualey, Terry	Reg. No. 25,148
Daulton, Julie R.	Reg. No. 34,994	Randall, Joshua N.	Reg. No. 50,719
DeVries Smith, Katherine M.	Reg. No. 36,414	Reich, John C.	Reg. No. 37,703
DiPietro, Mark J.	Reg. No. 42,157	Reiland, Earl D.	Reg. No. 35,703
Doscotch, Matthew A.	Reg. No. 28,707	Schmaltz, David G.	Reg. No. 25,767
Edeil, Robert T.	Reg. No. 48,957	Schuman, Mark D.	Reg. No. 39,828
Epp Ryan, Sandra	Reg. No. 20,187	Schumann, Michael D.	Reg. No. 31,197
Fitzeimmen K	Reg. No. 39,667	Scull, Timothy B.	Reg. No. 30,422
Fitzsimmons, Karen A.	Reg. No. 50,470	Sebald, Gregory A.	Reg. No. 42,137
Gadiano, Christina M. Goff, Jared S.	Reg. No. 37,628	Skoog, Mark T.	Reg. No. 33,280
Goggin, Matthew J.	Reg. No. 44,716	Spellman, Steven I.	Reg. No. 40,178
Golla, Charles E.	Reg. No. 44,125	Stewart, Alan R.	Reg. No. 45,124
Gorman, Alex G	Reg. No. 26,896	Stoll-DeBell, Kirstin I	Reg. No. 47,974
Gorman, Alan G.	Reg. No. 38,472	Sullivan, Timothy	Reg. No. 43,164
Gould, John D.	Reg. No. 18,223	Sumner, John P.	Reg. No. 47,981
Gregson, Richard	Reg. No. 41,804	Swenson, Erik G.	Reg. No. 29,114
Gresens, John J.	Reg. No. 33,112	Tellekson, David K	Reg. No. 45,147
Hamer, Samuel A.	Reg. No. 46,754	Trembath, Jon R.	Reg. No. 32,314
Hamre, Curtis B.	Reg. No. 29,165	Tunheim, Marcia A	Reg. No. 38,344
Hennings, Mark	Reg. No. 48,982	Underhill, Albert I.	Reg. No. 42,189
Hertzberg, Brett A.	Reg. No. 42,660	Vandenburgh, J. Derek	Reg. No. 27,403
Hillson, Randall A.	Reg. No. 31,838	Vidovich, Kristin K	Reg. No. 32,179
Holzer, Jr., Richard J.	Reg. No. 42,668	Wahi, John R.	Reg. No. 41,448
Hope, Leonard J.	Reg. No. 44,774	Weaver, Paul I.	Reg. No. 33,044
Hornsby, III, Alton	Reg. No. 47,299	Welter, Paul A.	Reg. No. 48,640
Jardine, John S.	Reg. No. 48,835	Whipps, Brian	Reg. No. 20,890
Johns, Nicholas P.	Reg. No. 48,995	Whitaker, John E.	Reg. No. 43,261
Johnston, Scott W.	Reg. No. 39,721	Wier, David D.	Reg. No. 42,222
Kadievitch, Natalie D.	Reg. No. 34,196	Williams, Douglas J.	Reg. No. 48,229
Kalinsky, Robert A.	Reg. No. 50,471	Withers, James D.	Reg. No. 27,054
Kettelberger, Denise	Reg. No. 33,924	Wong, Bryan A.	Reg. No. 40,376
Keys, Jeramie J.	Reg. No. 42,724	Wong, Thomas S.	Reg. No. 50.836
Knearl, Homer L.	Reg. No. 21,197	Young, Thomas	Reg. No. 48,577
Kowalchyk, Alan W.	Reg. No. 31,535	Zeuli, Anthony R.	Reg. No. 25,796
Kowalchyk, Katherine M.	Reg. No. 36,848	,y K.	Reg. No. 45,255
Lamberty, Michael	Reg. No. 50,760	•	
	8- • 10. 30, /00		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Merchant & Gould P.C. to the contrary.

I understand that the execution of this document, and the grant of a power of attorney, does not in itself establish an attorney-client relationship between the undersigned and the law firm Merchant & Gould P.C., or any of its attorneys. Please direct all correspondence in this case to Merchant & Gould P.C. at the address indicated below:

Merchant & Gould

Merchant & Gould P.C. P.O. Box 2903 Minneapolis, MN 55402-0903

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements

2	Full Nam Of Invent	or Terada	First Given Name Hiroshi	Second Given Name
0	Residence			}
1 Mailing Address		Address	State or Foreign County Nara City	Country of Citizenship Japan
Sign	nature of Inve	8-25, Mayumi 4-chome	lkome	State & Zip Code/Country Nara 630-0122 / Japan
2	Full Name Of Inventor	Family Name Toyoda	P 0	Date:
,	Residence	City	First Given Name Akinori	Second Given Name
-	& Citizenshi Mailing	Katano Address	State or Foreign Country Osaka	Country of Citizenship
Address 10-419, Ikuno 1-chome ignature of Inventor 202:			City Katano	State & Zip Code/Country
	Full Name Of Inventor	Family Name		Osaaka 576-0054 / Japan Date:
\frac{1}{2}	Residence	Urata	First Given Name Yoshihito	Second Given Name
A	k Citizenship Isiling	Katano Address	State or Foreign Country Osakn	Country of Citizenship
Address 1-38-20, Kisabe nature of Inventor 203:		1-38-20 Pint	City Katano	State & Zip Code/Country
Fu	ill Name	Family Name		Osaka 576-0052 / Japan Date:
	Inventor	Yamamoto	First Given Name Hajime	Second Given Name
& (ideuce City Itizenship Ikoma		State or Foreign Country	
Mailing Address Address 4-18-1, Kitayamato ure of Inventor 204:		4-19-1 77:	City	Country of Cltizenship Japan
	11 ADVENTOR 204		Roma Da	State & Zip Code/Country Nara 630-0121 / Japan te;

Full Name Of Inventor Residence & Chizenship Mailing Address ture of Inventor	Address	First Given Name Nobuo State or Foreign C Nara City		Second Given Name	
Residence & Citizenship Mailing Address	City Osakasayama Address	State or Foreign C			
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Address ture of Inventor	Address 3-361-1-224-11	Nara	ountry		
ture of Inventor	3-361-1-224 11	City		Country of Citizenship	
	205:			Japan	
		Osakasayama		State & Zip Code/Country	
Full Name		Coakasayama		Osaka 589-0011 / Japan	
			Date:	305-00117 Japan	
Of Inventor	Family Name		1		
	Ishimaru	First Given Name			
Residence City		Naoaki		Second Given Name	
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gg.cs2	Address		3	Country of Citizenship	
	5-15-A401, Niina	City		Japan	
e of Inventor 20	6:	Minoo		State & ZIp Code/Country	
				Osaka 562-0005 / Japan	
Il Name	Family Name		Date:		
Joventor	Nakatsugawa	First Given Name			
		Tatsuo		Second Given Name	
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ling		Tochici Countr	'Y	Country of Citizenship	
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Inventor 207:	- Total Intachi	, ,		State & Zip Code/Country	
		Josepholinya		Tochigi 320-0851 / Japan	
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J ***	into	First Given Name		Sansa I Si	
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		State or Foreign Country		160000	
	Iron	Tochigi	- 1	Country of Citizenship	
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Ad	18. Housekidai, Takanezawa-cho	City		State & Zip Code/Country	
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iii re	ng A sess 2 Inventor 207: anne Fa entor Nu ce Cite enship Shi	rizenship Utsunomiya ng Address 29-57. Tsunutamachi Inventor 207: ame Family Name Suito Cee City Shioya Address Address	tizenship Utsunomiya State or Foreign Country ng Address 29-57. Tsunutamachi City Utsunomiya Inventor 207: Ame Family Name Nuito First Given Name Masakazu nce City shioya State or Foreign Country Tochigi	tizenship Ulsunomiya State or Foreign Country Tochigi Address 29-57, Tsurutamachi Utsunomiya Inventor 207: Date: Tochigi Otty Utsunomiya Date: Tochigi City Utsunomiya Date: Address State or Foreign Country First Given Name Masakazu Ce City Shioya State or Foreign Country Tochigi	